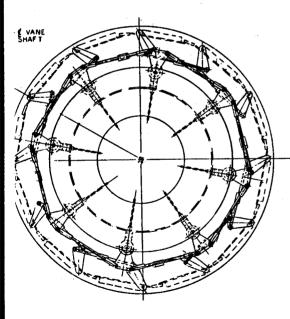
PARTS LIST ABLE YOKE END 91929A

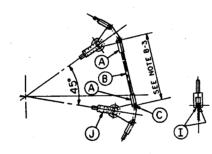
IN ASSEBLY 91928A
D RH THREAD
D LH THREAD
IBUCKLE
JAM NUT
REGISTER BELL CRANK
N WASHER
FAR DRIVE ASSEMBLY

- C OF DOOR SHAFT FOR OUTER REG

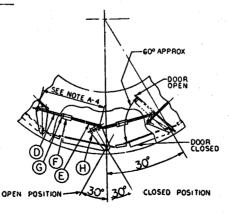


ASSEMBLY AIR REGISTER & VANES

C.W. ASSEMBLY SHOWN



AIR VANE LINKAGE



LINKAGE ON OUTER REGISTER
CW REGISTER SHOWN

ADJUSTMENT PHOCEDURE

I CHGD MOTE OF PERTAINING TO YEAR OOL (2.5)
LATEST PMASE & UINNER AIR DISK!

A. OUTER REGISTER LINKAGE

- I) SET OUTER REGISTER CONTROL HANDLE IN SECOND NOTCH FROM FULL CLOSED POSITION.
- 2) LOOSEN ALL TURNBUCKLE JAM NUTS, PROCEED AROUND CIRCUMFERENCE OF BURNER ADJUSTING EACH REGISTER DOOR LINK UNTIL THE DOOR IS JUST IN CLOSED POSITION.
- 3) PROCEED IN A COUNTERCLOCKWISE DIRECTION LOOK TOWARD FURNACE ON BURNERS IMPARTING CLOCKWISE AIR FLOW. PROCEED IN A CLOCKWISE DIRECTION ON REGISTERS IMPARTING A COUNTERCLOCKWISE SPIN.
- 4) ALL LINKS SHOULD BE EQUAL LENGTH, EQUIVALENT TO THE DISTANCE BETWEEN DOOR CENTERS WITH THE LINKAGE IN NEITHER TENSION OR COMPRESSION.
- 5) WHEN CORRECTLY ADJUSTED THE AIR REGISTER SHOULD OPERATE FREELY FROM FULL OPEN TO FULL CLOSED POSITION.

B AIR VANE LINKAGE

- I) SET CONTROL HANDLE IN FIRST NOTCH FROM CLOSED POSITION ON BURNERS WHICH HAVE REGISTERS WHICH IMPART CLOCKWISE SPIN WHEN VIEWED TOWARD FURNACE.
- 2) REMOVE PINS FROM ONE END OF ALL VANE LINKS
- 3) PROCEEDING IN COUNTERCLOCKWISE DIRECTION AROUND BURNER.
 ADJUST EACH LINK UNTIL EACH VANE IS IN THE FULL CLOSED POSITION
 (IMPARTING CLOCKWISE SPIN) ON BURNERS WHICH HAVE REGISTERS
 WHICH IMPART CLOCKWISE AIR SPIN, THE LINKAGE SHOULD BE IN
 NEITHER TENSION OR COMPRESSION.
- 4) ON BURNERS WHICH HAVE REGISTERS WHICH IMPART COUNTERCLOCKWISE SPIN, THE DIRECTION OF VANE ADJUSTMENT SHOULD BE REVERSED.
- 5) WHEN CORRECTLY ADJUSTED THE VANES SHOULD OPERATE FREELY FROM OPEN TO CLOSED POSITION (90°).

C CLEARANCE CHECK

I) AFTER CORRECTLY ADJUSTING ALL REGISTERS AND LINKAGES, CHECK FOR CLEARANCES WITH FLAME DETECTOR(S) AND LIGHTER (OR EQUIVALENT) INSERTED. CLEARANCES MUST BE MAINTAINED THROUGHOUT THE FULL RANGE OF TRAVEL (90° ON SPIN VANES; FULL STROKE ON OUTER REGISTERS).

D. INNER AIR ZONE DISK

I) CHECK FOR CLEARANCES WITH FLAME DETECTOR(S) LIGHTER, AND OBSERVATION DOOR INSERTED. STROKE INNER AIR ZONE DISK TO ASSURE FULL TRAVEL WITHOUT BINDING USING PULL ROD. CLEARANCES MUST BE MAINTAINED THROUGHOUT THE FULL STROKE OF INNER AIR ZONE DISK.

CHOR BY JERKAS JE CARRON WORKLER LAND WORKLE LAND WORKLE

LINKAGE FOR
PHASES Y
DUAL REGISTER
BURNER

THE SALECCE & WALCOX CO.

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